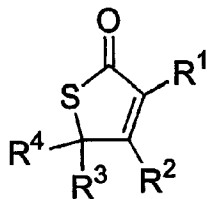


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A compound of formula I:



I

wherein:

R¹ = H

R² = -OH, -OR⁵, -OCH₂C(O)R⁵, -OCH₂C(O)NHR⁵, -OC(O)R⁵, -OC(O)OR⁵,
-OC(O)NHNH-R⁵, or -OC(O)NR⁵R⁶, where R⁵ and R⁶ are each independently is H, C₁-
C₂₀ alkyl, cycloalkyl, alkenyl, alkynyl, aryl, arylalkyl, or alkylaryl, and where R⁵ and R⁶
can each optionally contain halogen atoms;

R³ and R⁴, the same or different from each other, are C₁-C₂₀ alkyl, cycloalkyl, alkenyl, aryl,
arylalkyl, or alkylaryl;

with the proviso that when R² is -OH, -OCH₃, or -OC(O)CF₃ and R³ is -CH₃, then R⁴ is not
-CH₂CH₂OH, -CH₂(C₆H₅), or -CH=CH-CH₃, and

the further proviso that when R³ is -CH₂-(C₆H₅), then R⁴ is not -CH₃ or -CH₂CH₃.

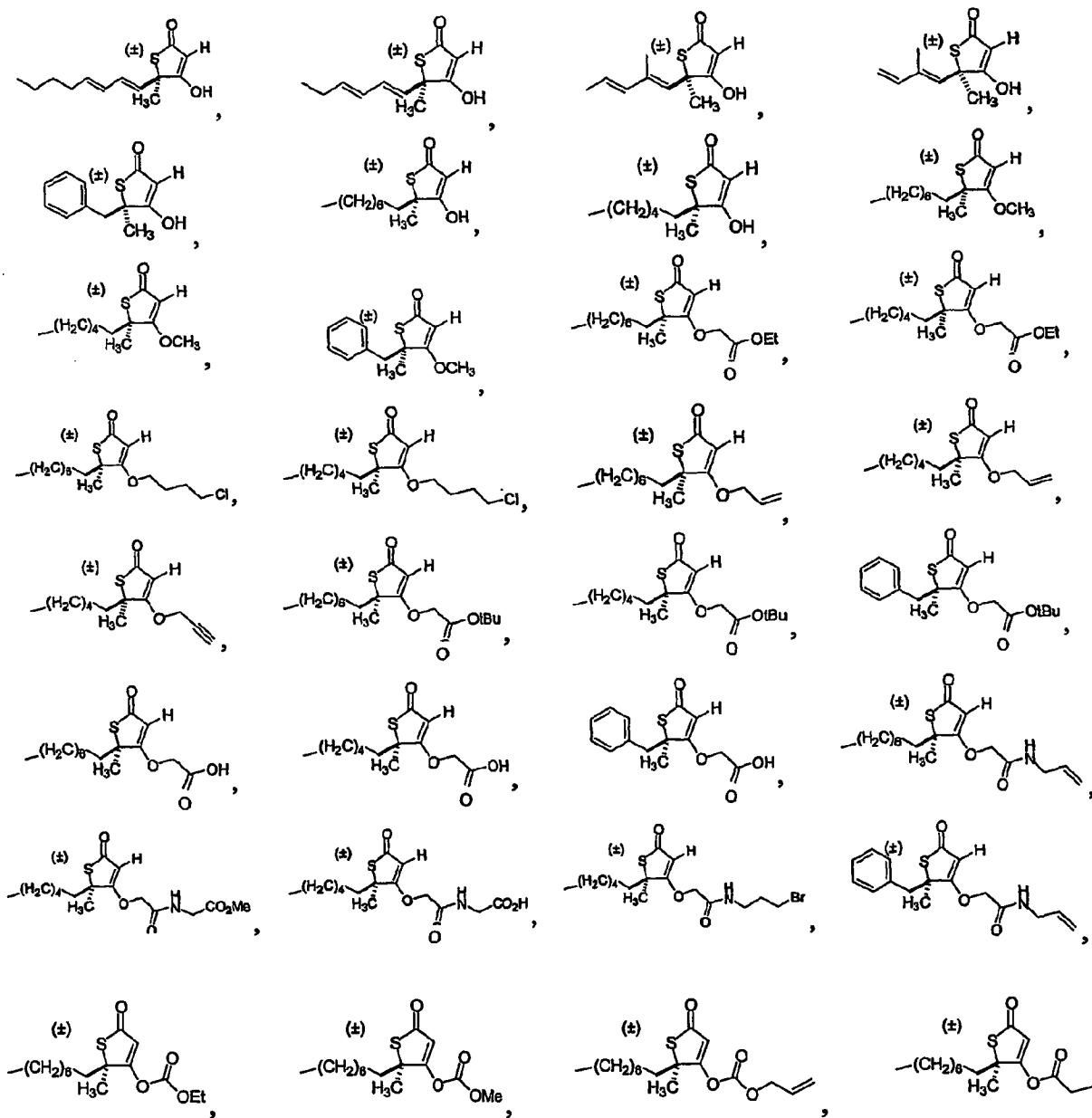
2. (Original) A compound according to claim 1, wherein R⁵ is H, C₁-C₁₀ alkyl, cycloalkyl,
alkenyl, aryl, arylalkyl or alkylaryl.

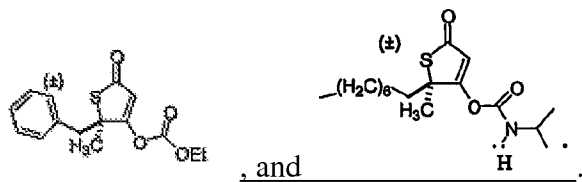
3. (Original) A compound according to claim 2, wherein R⁵ is H, or C₁-C₁₀ alkyl.

4. (Original) A compound according to claim 1, wherein R³ and R⁴ are each independently H,
C¹-C¹⁰ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl.

5. (Original) A compound according to claim 4, wherein R³ and R⁴ are each independently H,
or C₁-C₁₀ alkyl.

6. (Original) A compound according to claim 1, wherein, R^3 is $-H$ or CH_3 .
7. (Original) A compound according to claim 1, wherein R^4 is $-nC_6-C_8$ alkyl.
8. (Currently Amended) A compound according to claim 1, wherein the compound is selected from the group consisting of:





9-17. (Cancelled)

18. (Original) A pharmaceutical composition comprising a pharmaceutical diluent and a compound of formula I.

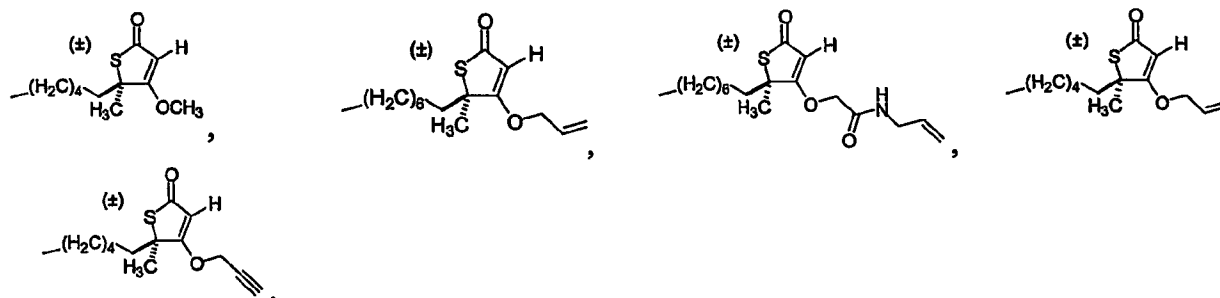
19-25. (Cancelled)

26. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 16 to said subject.

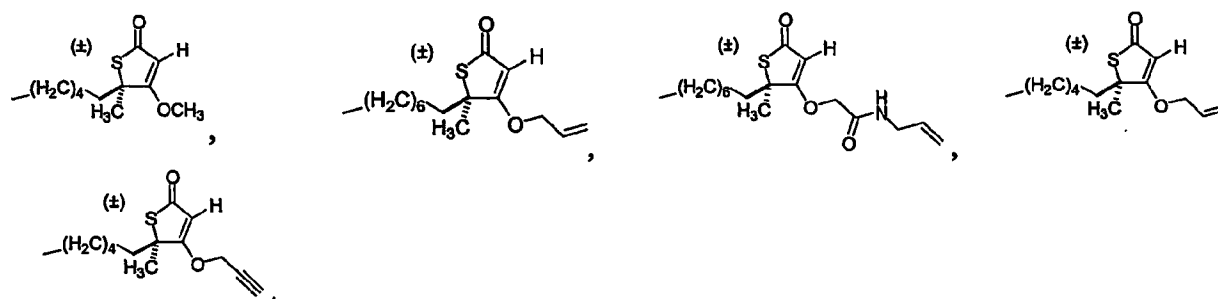
27. (Withdrawn) The method of claim 26, wherein the subject is a human.

28. (Withdrawn) The method of claim 26, wherein the subject is an animal.

29. (Withdrawn) The method of claim 27, wherein the pharmaceutical composition comprises a compound selected from the group consisting of:



30. (Withdrawn) The method of claim 28, wherein the pharmaceutical composition comprises a compound selected from the group consisting of:



31-38. (Cancelled)

39. (Withdrawn) A method of inhibiting fatty acid synthase activity in an animal or human subject comprising administering an effective amount of a pharmaceutical composition according to claim 16 to said subject.

40. (Withdrawn) The method of claim 39, wherein the subject is a human.

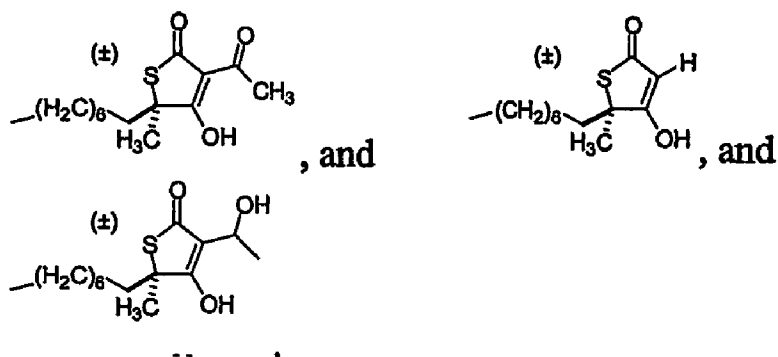
41. (Withdrawn) The method of claim 39, wherein the subject is an animal.

42. (Withdrawn) A method of inhibiting growth of invasive microbial cells in an animal or human subject comprising the administration of an effective amount of a pharmaceutical composition according to claim 16 to said subject.

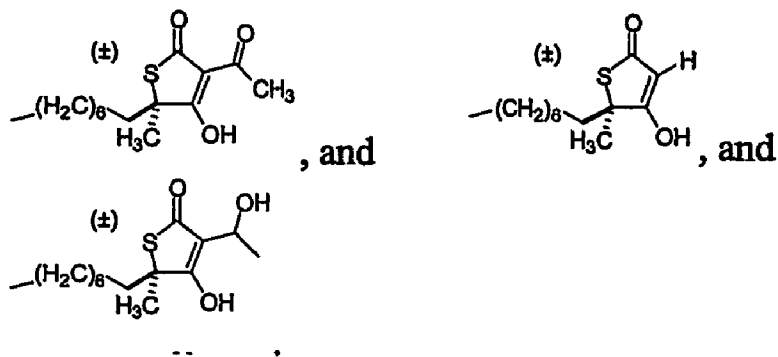
43. (Withdrawn) The method of claim 42, wherein the subject is a human.

44. (Withdrawn) The method of claim 42, wherein the subject is an animal.

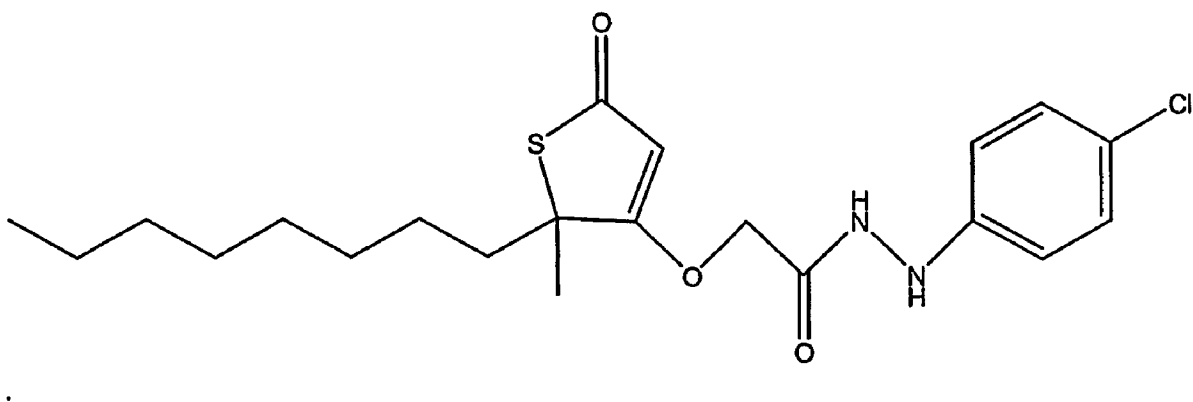
45. (Withdrawn) The method of claim 43, wherein the compound is selected from the group consisting of:



46. (Withdrawn) The method of claim 44, wherein the compound is selected from the group consisting of:



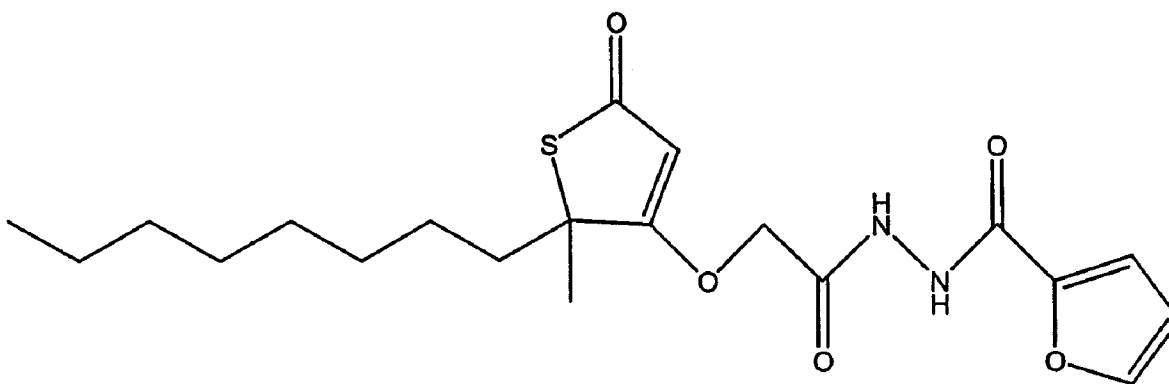
47. (Withdrawn) A compound of formula:



48. (Withdrawn) A pharmaceutical composition comprising a pharmaceutical diluent and the compound of claim 47.

49. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 47.

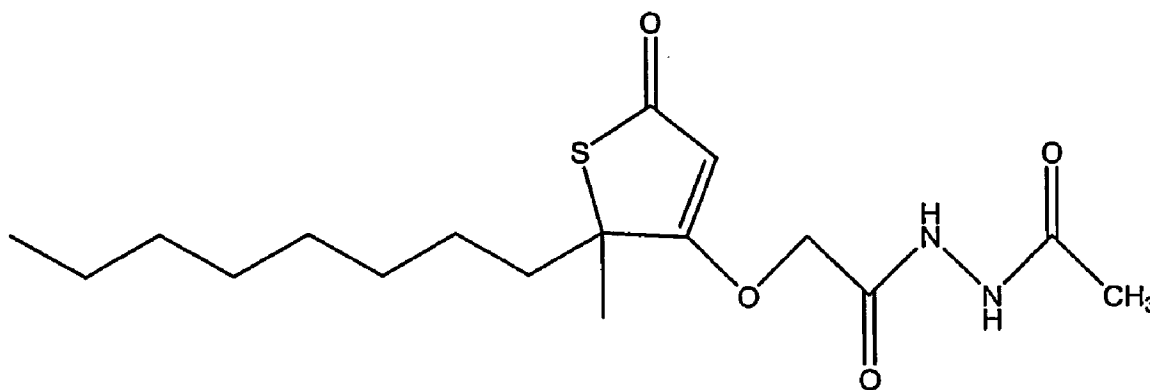
50. (Withdrawn) A compound of formula:



51. (Withdrawn) A pharmaceutical composition comprising a pharmaceutical diluent and the compound of claim 50.

52. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 50.

53. (Withdrawn) A compound of formula:



54. (Withdrawn) A pharmaceutical composition comprising a pharmaceutical diluent and the compound of claim 53.

55. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 53.

56. (Currently Amended) A compound according to claim 1, where:

R^1 is H;

R^2 is $-\text{OCH}_2\text{C}(\text{O})\text{NHR}^5$, where R^5 is C_1 - C_{10} aryl containing a halogen atom;

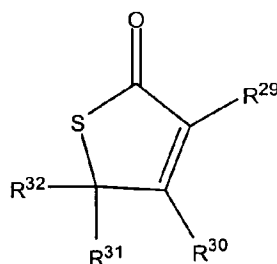
R^3 is $-\text{CH}_3$; and

R^4 is $-\text{n-C}_6\text{-C}_8$ alkyl[[:]] .

57. (Previously Presented) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 56.

58. (Withdrawn) A method of treating cancer in an animal or human subject comprising administering an effective amount of a pharmaceutical composition according to claim 56.

59. (Withdrawn) A compound of formula IV:



wherein:

$R^{29} = \text{H}$

$R^{30} = -\text{OH}$, $-\text{OR}^{33}$, $-\text{OCH}_2\text{C}(\text{O})\text{R}^{33}$, $-\text{OCH}_2\text{C}(\text{O})\text{NHR}^{33}$, $-\text{OC}(\text{O})\text{R}^{33}$, $-\text{OC}(\text{O})\text{OR}^{33}$, $-\text{OC}(\text{O})\text{NHNH-R}^{33}$, or $-\text{OC}(\text{O})\text{NR}^{33}\text{R}^{34}$, where R^{33} and R^{34} are each independently H, C_1 - C_{20} alkyl, cycloalkyl, alkenyl, alkynyl, aryl, arylalkyl, or alkylaryl, and where R^5 can optionally contain halogen atoms;

R^{31} and R^{32} , the same or different from each other, are C_1 - C_{20} alkyl, cycloalkyl, alkenyl, aryl,

arylalkyl, or alkylaryl;

with the proviso that when R^{30} is $-\text{OH}$, $-\text{OCH}_3$, or $-\text{OC}(\text{O})\text{CF}_3$ and R^{31} is $-\text{CH}_3$, then R^{32} is not $-\text{CH}_2\text{CH}_2\text{OH}$, $-\text{CH}_2(\text{C}_6\text{H}_5)$, or $-\text{CH}=\text{CH}-\text{CH}_3$, and
the further proviso that when R^{31} is $-\text{CH}_2-(\text{C}_6\text{H}_5)$, then R^{32} is not $-\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$.

60. (Withdrawn) A compound according to claim 59, wherein R^{33} is H, $\text{C}_1\text{-C}_{10}$ alkyl, cycloalkyl, alkenyl, aryl, aryl, arylalkyl, or alkylaryl.

61. (Withdrawn) A compound according to claim 60, wherein R^{33} is H, or $\text{C}_1\text{-C}_{10}$ alkyl.

62. (Withdrawn) A compound according to claim 59, wherein R^{31} and R^{32} are each independently H, $\text{C}_1\text{-C}_{10}$ alkyl, cycloalkyl, alkenyl, aryl, aryl, arylalkyl, or alkylaryl.

63. (Withdrawn) A compound according to claim 62, wherein R^{31} and R^{32} are each independently H, or $\text{C}_1\text{-C}_{10}$ alkyl.

64. (Withdrawn) A compound according to claim 59, wherein R^{31} is $-\text{H}$ or $-\text{CH}_3$.

65. (Withdrawn) A compound according to claim 59, wherein R^{32} is $-\text{nC}_6\text{-C}_8$ alkyl.

66. (Withdrawn) A compound according to claim 59, wherein the compound has the formula:

